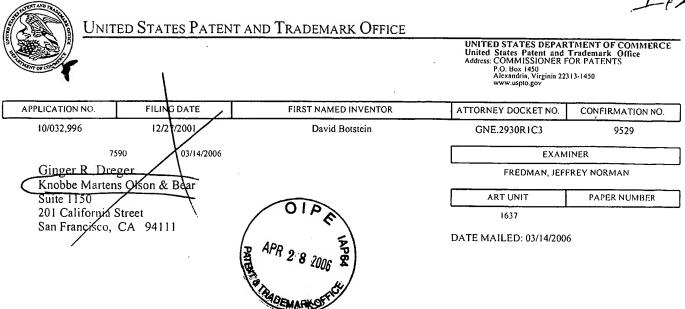
AN EQUAL OPPORTUNITY EMPLOYER JORNA SURVEY ST. ORNA Do not remail in this envelope No such street ____number REASON CHECKED No such office in state-Attempted ting taum - E Refuse Insufficient Address-IF UNDELIVERABLE RETURN IN TEN DAYS U. S. DEPARTMENT OF COMMERCE COMMISSIONER FOR PATENTS ALEXANDRIA, VA 22313-1450 OFFICIAL BUSINESS P.O. BOX 1450 Organization

ID -



Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR I PATENT IN REEXAMINATION		ATTORNEY DOCKET NO.
				EXAMINER
			ART UNIT	PAPER
				20060314

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

The information disclosure statement (IDS) submitted on July 25, 2005 was filed after the mailing date of the final rejection on April 25, 2005. The information disclosure statement fails to comply with 37 CFR 1.97(c) because it lacks a statement as specified in 37 CFR 1.97(e). The information disclosure statement also fails to comply with 37 CFR 1.97(c) because it lacks the fee set forth in 37 CFR 1.17(p). It has been placed in the application file, but the information referred to therein has not been considered.

Jeffrey Fredman Primary Examiner Art Unit; 1637

\$ /14/DE

	Application No.	10/032,996
INFORMATION DISCLOSURE	Filing Date	December 27, 2001
STATEMENT BY APPLICANT	First Named Inventor	Botstein, et al.
	Art Unit	1647
(Aptiple sheets used when necessary)	Examiner	Fredman, J.
SHEET 1 OF 4	Attorney Docket No.	GNE.2930R1C3

501 25 A	#/		U.S.	PATENT	DOCUMENTS	
TYPE DE	No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1		tion Date D-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	-	6,025 ,156	02-15-	2000	Gwynn, et al.	
	2	6,124,433	09-26-	2000	Falb, et al.	
	3 _	6,156,500	12.05	4000	Falb, Dean	
	4	6,162,604	12-19-	2000	Jacob, Chaim O.	
	5	6,228,582	05-08-	2001	Rodier et al.	
	6	6,395,306	05-28-	2002	Coli, et al.	
	7	6,414,117	07-02-	2002	Levinson, D. A.	
	8	6,465.185	10-15	2002	Goldline, et al.	
	9	6,498,235	12-24-	2002	Sheppard, et al.	
	10	6,562,343	05-13-	2003	Levinson, D. A.	
	11	6,645,499	41-11-	2003	Lal, et al.	
	12	6,730,502	05-04-	2004	Van Hijum, et al.	
	13	6,737,522	05-18-	2004	Sundick, et al.	

			FOREIGN PATE	ENT DOCUMENTS		
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
	14	WO 97/38085	10-16-1997	California Pacific Medical Center		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T¹
	15	ALBERTS, et al. 1994 Molecular Biology of the Cell, 3rd Edition, pp. 403-404, 453. New York: Garland Publishing.	
	16	ALBERTS, et al. 2002. <i>Molecular Biology of the Cell 4th Edition</i> , pp. 302, 363-364, 379, 435. New York: Garland Publishing.	
	17	ALITALO 1984. Amplification of cellular encegenes in cancer cells. Med. Biol., 62:304-317	
-	18-	ALLMAN, et al. 1996. BCL-6 expression during B-cell activation. Blood, 87(12):5257-5268.	
	19	BANHASSY, et al. 2004. Cyclin A and cyclin DI as significant prognostic markers in colorectal cancer patients. BMC Gastroenterology, 4:22-34.	

Examiner Signature	7	Date Considered	3/14/1	
				

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

T1 - Place a check mark in this area when an English language Translation is attached.

ORMATION DISCLOSURE STATEMENT BY APPLICANT

Application No. 10/032,996

Filing Date December 27, 2001

First Named Inventor Botstein, et al.

Art Unit 1647

Examiner Fredman, J.

Attorney Docket No. GNE.2930R1C3

(Multiple sheets used when necessary)
SHEET 2 OF 4

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	τ¹
	20	BIECHE, et al. 1998. Novel Approach to Quantitative Polymerase Chain Reaction Using Real-Time Detection: Application to the Detection of Gene Amplification in Breast Cancer. Int. J. Cancer. 78:661-666.	<u></u>
-	21	BLANCATO, et al. 2004. Correlation of amplification and overexpression of the c-myc oncegene in high-grade breast cancer. FISH, in situ hybridization and immunohistochemical analyses. British Journal of Cancer, 90(8), 1612-1619.	
	22	CHEN, et al. 2002. Discordant protein and mRNA expression in lung adenocarcinomas. Molecular & Cellular Proteomics 1.4, pp. 304-313.	
7	23	Database search, Locus list: <u>num (349, 801 seqs, 66, 964, 548 aa)</u> Mon Jan 7 16:12:49 2002 [BLASTP 2.2.1 [Jul-12-2001], NCBI]	
	24	Database search, Locus list: hum est (1, 803, 435 seqs, 6, 559, 376, 613 bp), Tue Jan 8 09:15:52 2002 [BLASTN 2.2.1 [Jul-12-2001], NCBI]	, , , , , , , , , , , , , , , , , , ,
~	25	FESSLER, et al. 2002. A genomic and proteomic analysis of activation of the human neutrophil by lipopolysaccharide and its mediation by p38 mitogen-activated protein kinase. <i>The Journal of Biological Chemistry</i> , 277(35):31291-31302.	
-	26	FU, et al. 1996. Translational regulation exhuman #53 gene expression. The EMBO Journal, 15(16):4392-4401.	
•	27	GÖKMEN-POLAR, et al. 2001. Elevated protect kinase C BII is an early promotive event in colon carcinogenesis. Cancer Research, 61:1375-388.	
_	28	GRIMALDI, et al. 1989. The t(5:14) chromosomal translocation in a case of acute lymphocytic teukemia joins the interleukin-3 gene to the immunoglobulin heavy chain gene. <i>Biood</i> , 73(8):2081-2085.	
-	29	GYGI, et al. Mar. 1999. Correlation between Protein and mRNA Abundance in Yeast. Molecular and Cellular Biology, 1/20-1730.	
	30	HANASH, S. 2003. Making sense of microarray data to classify cancer. The Pharmacogenomics Journal, 3:308-311.	
	-31	HANASH, S. March 2005. Integrated global profiling of cancer. Nature Reviews, Applied Proteomics Collection, pp. 9-14.	
-	32	HANCOCK, W. S. 2004. Do we have enough biomarkers? Journal of Rroteome Research, 3(4):685.	
	33	HANNA, et al. Aug. 1/999. HER-2/neu breast cancer predictive testing. Pathology Associates Medical Laboratories.	
		HAYNES, et al. 1998. Proteome analysis: Biological assay or data archive? Electrophoresis, 19:1862-1871.	
	35	HEID, et al. 1996. Real Time Quantitative PCR. Genome Res. 6:986-994.	
-	36	HIGUCHI/et al. April 1992. Simultaneous Amplification and Detection of Specific DNA Sequences. Biotechnology, 10:413-417.	
	37	HU, et al. 2003. Analysis of genomic and proteomic data using advanced literature mining. Journal of Proteome Research, 2:405-412.	

Examiner Signature	~	Date Considered	3/14/2
*Examiner: Initial if reference in conformance and not consider	considered, whether or not citation is in dered. Include copy of this form with ne	n conformance with MPEP 60 ext communication to applican	Draw line through citation if r t.

T¹ - Place a check mark in this area when an English language Translation is attached.

NEORMATION DISCLOSURE STATEMENT BY APPLICANT

Filing Date December 27, 2001

First Named Inventor Botstein, et al.

Art Unit 1647

Examiner Fredman, J.

Attorney Docket No. GNE.2930R1C3

10/032,996

(Multiple sheets used when necessary)
SHEET 3 OF 4

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Cite Examiner T¹ item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue Initials No. number(s), publisher, city and/or country where published. HYMAN et al. Nov. 2002. Impact of DNA Amplification of Gene Expression Patterns. 38 Cancer Research, 62:6240-6245. JANG, et al. 1997. An examination of the effects of hypoxia, acidosis, and glucose starvation on the expression of metastatis-associated genes in murine tumor cells. Clin. Exp. Metastasis, 15(5):469-483. (Abstract). KONOPKA, et al. 1986. Variable expression of the translocated c-abl oncogene in Philadelphiachromosome-positive B-lymphoid cell lines from chronic myelogenous leukemia patients. Proc. Natl. Acad. Sci. USA, 83:4049-4052. LEWIN, B. 1994. Oncogenes: Gene Expression and Cancer, Chap. 39, pp.1196-1201. Genes V. New York: Oxford University Press. LEWIN B. 1997. Regulation of Transcription, Chap. 29, pp. 847-848. Genes VI, New York: Oxford University Press. LIVAK, et al. 1995. Oligonucleotides with Fluerescen Dyes at Opposite Ends Provide a 43 Quenced Probe Statem Useful for Detectin PCR Productand Nucleic Acid Hybridization. PCR Methods Appl 4:357-362 MEEKER, et al. 1990. Activation of the interleukin-3 gene by chromosome translocation in acute Tymphocytic leukemia with eosinophilia. Blood, 76(2):285/289. MERIC, et al. 2002. Translation intiation in cancer: A nevel target for therapy. Molecular Cancer Therapeutics, 1:971-979. MERLINO, et al. 1985. Elevated Epidermal Growth/Factor Receptor Gene Copy Number and Expression in a Squamous Carcinoma Cell Line. J. Clin. Invest., 75:1077-1070 OHARA, et al. 2001. Directional cDNA library construction assisted by the in vitro recombination reaction. Nucleic Acids Research, 29(4):e22 p. 1-8. ØRNTOFT, et al. 2002. Genome-wide study of gene copy numbers, transcripts, and pretein levels in pairs of non-invasive and invasive human transitional cell carcinomas. Molecular & Cellular Proteomics, 1:37-45. PENNICA, et al. 1998. WISP genes are members of the connective tissue growth factor family that are up-refulated in Wnt-1 transformed cells and aberrantly expressed in human colon tumors. Proc. Natl. Acad. Sci. USA> 95(25):14717-1472 PITTI, et al., 1998. Genomic amplification of a decoy receptor for Fas ligand in lung and colon cancer. Nature: 396(6712):699-703. POLLACK, et al. 2002. Microarray analysis reveals a major direct lole of DNA copy number alteration in the transcriptional program of human breast tumors. PNAS, 99(20), 12963-12968. POWELL, et al. 1998. Expression of cytochrome P4502E1 in human liver: Assessment by mRNA. genotype and phenotype. Phamacogenetics, 8:411-421. (Abstract). SINGLETON, et al. 1992. Clinical and pathologic significance of the c-erbB-2 (HER-2/neu) oncogene. Pathol. Annu., 1(27):165-190. TOKUNAGA, et al. 2000. Application of quantitative RT-PCR using "TaqMan" technology to evaluate the expression of CK 18 mRNA in various cell lines. J. Exp. Clin. Cancer Res., 19(3):375-381.

Application No.

NON PATENT LITERATURE DOCUMENTS

Examiner Signature	Date Considered	5 hul

*ExamIner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VALLEJO, et al. 2000. Evidence of tissue-specific, post-transcriptional regulation of NRF2 expression.

Biochimie, 82(12):1129-1133. (Abstract).

T¹ - Place a check mark in this area when an English language Translation is attached.

PTO/SB/08 Equivalent

Application No. 10/032,996 **ÖRMATION DISCLOSURE** Filing Date December 27, 2001 **First Named Inventor** Botstein, et al. STATEMENT BY APPLICANT **Art Unit** 1647 Examiner Fredman, J. (Multiple sheets used when necessary) GNE.2930R1C3 SHEET 4 OF 4 Attorney Docket No.

· · · · · · · · · · · · · · · · · · ·		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	56	WANG, et al. 1996. mRNA Differential display: Application in the discovery of novel pharmacological targets. Trends Pharmacol. Sci., 17(8):276-279.	
	57_	ZHIGANG, et al. 2004. Prostate stem sell antigen (PSCA) expression in human prostate cancer tissues and lits potential role in prostate carcinogenesis and progression of prostate sancer. World Journal of Surgical Oncology, 2:13.	

1826345 072105

Examiner Signature Date Considered 3/11/4

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.